Installation of Lytecaster® Frame-in-Kit 1102HF and Ballast Assembly

IS:1102HF

Read and understand these instructions before installing fixture.

This fixture is intended for installation in accordance with the National Electrical Code and local or Federal code specifications. To assure full compliance with codes and regulations, check with your local electrical inspector before installation. *To prevent electric shock, turn off electricity at fuse box before proceeding.*
Retain these instructions for maintance reference.

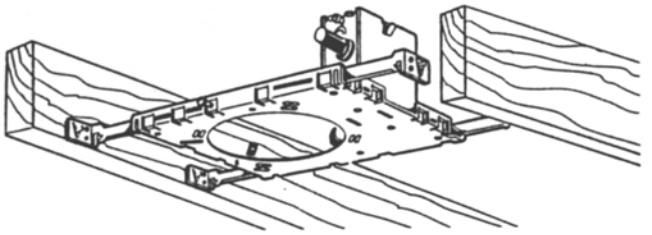

FIG.A
1. Frame-in

WARNING: (RISK OF FIRE) Do not install insulation within 3 inches of fixture sides or wiring compartments, nor above fixture in such a manner as to entrap heat.

NOTE: Complete fixture consists of Frame-in Kit, Ballast Assembly, and Reflector Trim. Each must be ordered separately.

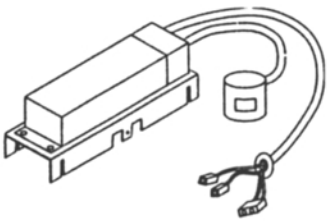

FIG. B
2. Wire-in

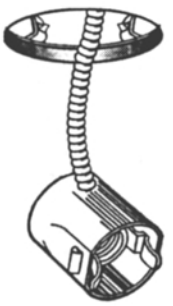

FIG. C
3. Close-in

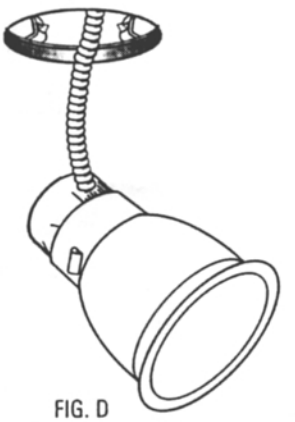

FIG. D
4. Snap-on

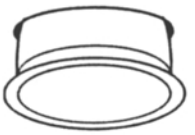

FIG.E
5. Push-up

1. FRAME-IN (FIG. A)

WOOD JOIST CONSTRUCTION (FIG. F):
Line up bottom edge of **Adjustable Mounting Bar** with bottom of wood joist. Fasten **Mounting Frame** to wood joist by nailing **Mounting Bar Tab** or nail into joist.

SUSPENDED CEILING CONSTRUCTION (FIG. G):
Position notched area of **Adjustable Mounting Bars** on top of **T-Bar** for proper spacing to finished ceiling. Lock **Mounting Bars** by bending **Tab** underneath **T-bar Bead**, FIG. G1. For round **T-Bar Bead**, use screws to lock **Mounting Bars**, FIG. G2.

NOTES:

a. **Adjustable Mounting Bars** are pre-assembled on long side of **Mounting Frame** for rigidity and ease of installation, FIG. F. Locking screw is provided to lock frame in a desired position. Mounting bars can not be mounted on short side of frame.

b. **Mounting Bars** can be extended to 24". The **Mounting Frame** can be mounted off-center. Centering slots act as guides to align adjacent frames.

c. For suspended ceilings, make certain that bottom of **Mounting Frame** is no higher than 1" above ceiling line, and notched area of **Adjustable Mounting Bars** are positioned on top of **T-Bar**, FIG. G.

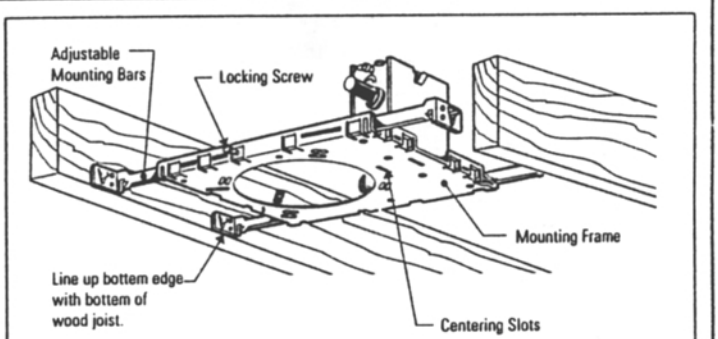

FIG. F

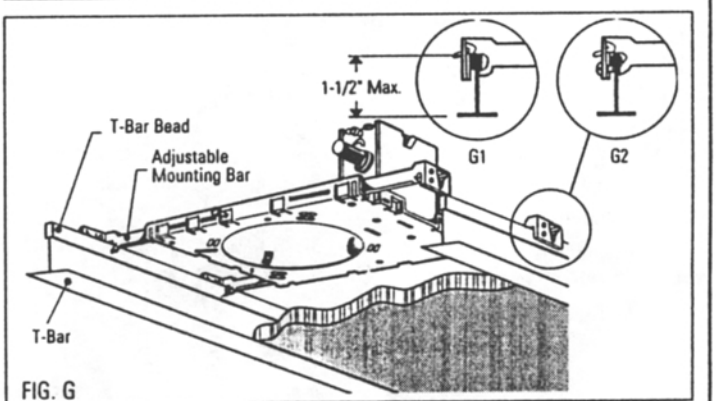

FIG. G

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2. WIRE-IN (FIG. B)

A. Install ballast onto the frame by placing **Tab** of **Ballast Plate** over the frame. The mounting bars must slide into the slots in the plate. Install screw through tab into frame, FIG. H.

B. Ballast Assembly: HPSM50, HPSM70, MHM100 MHM75, MPM70, and MPM100 can be wired to 120V or 277V supply. Follow FIG. I for wiring diagram.
NOTE: for MHM75 and MHM100 use lamps identified by lamp manufacturer "For use in open or closed fixture".

1. Fasten the flexible conduit from ballast assembly, to the junction box by passing wires with connectors through 7/8" dia. j-box hole and pushing conduit connector into hole.
2. Plug together dual connectors.
3. Plug blue fixture lead (single connector) to black ballast lead (single connector) for 120V supply; to red ballast lead (single connector) for 277V supply.
4. Connect 120V or 277V "hot" supply lead to black fixture lead. Connect white "neutral" supply lead to white fixture lead. Connect supply ground to bare copper fixture lead. (Note that supply connections can be made before the ballast assembly is attached and wired.)

C. Ballast Assembly MHM32120
Follow FIG. J. for wiring diagram.

1. Follow steps 1 and 2 of section B.
2. Plug blue fixture lead (single connector) to black ballast lead (single connector).

3. CLOSE-IN (FIG. C)

Install plasterboard or other dry type ceiling, as required. Hole in board can be cut either on floor or after the board is secured in the ceiling. Use **Mounting Frame** opening as cutting guide template for hole--make sure **Roto Clips** are rotated out of hole area by turning counterclockwise.

NOTE: For wet plaster ceiling, use Plaster Ring Accessory No. 1961--order separately.

4. SNAP-ON (FIG. D)

See separate instruction sheet for your choice of reflector trim.

5. PUSH-UP (FIG. E)

See separate instruction sheet for your choice of reflector trim.

WARNING: Use only with trims designated by Lightolier Inc. Use of other manufacturers' trims void the Underwriters Laboratories Listing and could constitute a fire hazard.

TO INSPECT OR REPLACE BALLAST

1. TURN OFF POWER.
2. Remove **Reflector Trim** from ceiling to get access to ballast through ceiling opening.
3. Remove ballast assembly by loosening mounting **Screw**, then lift **Ballast Assembly** and pull back through the ceiling opening (FIG. K).
4. Inspect and replace **Ballast** by following section 2 **"WIRE-IN"** instructions on this instruction sheet.
5. Reinstall **Reflector Trim**.

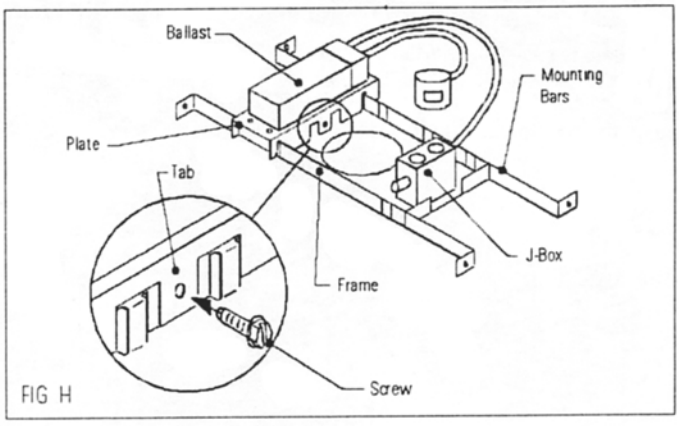

FIG. H

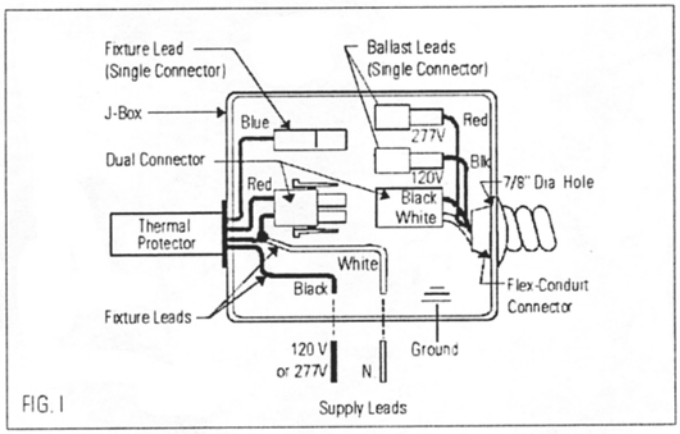

FIG. I

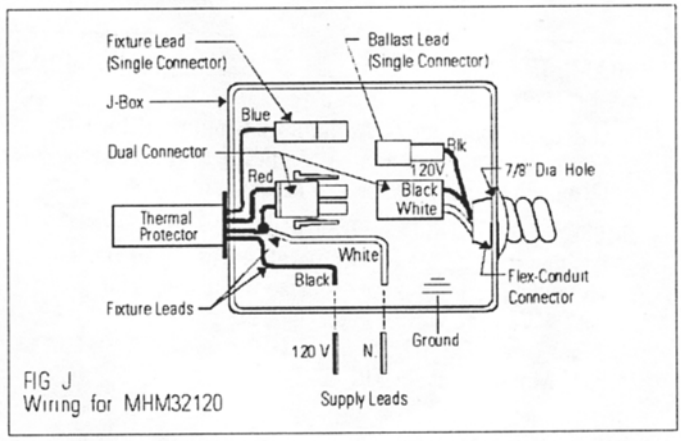

FIG J
Wiring for MHM32120

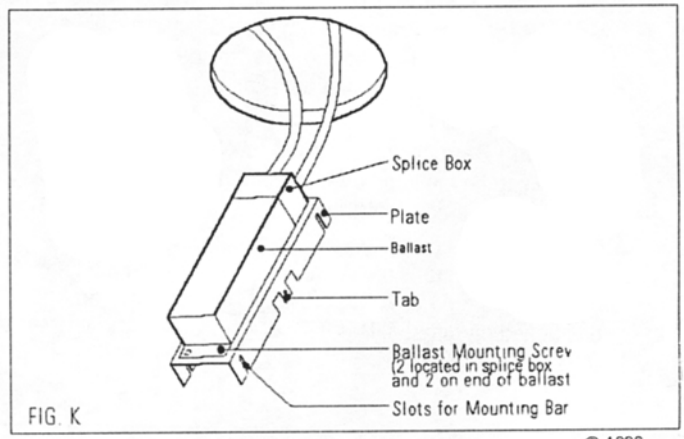

FIG. K

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